



February 2024

Ilakkiya Sangamam's

LITERARY MUSE

SCIENCE DAY
Special





Warm greetings and heartfelt wishes to all of you from the team at Ilakkiya Sangamam magazine! It brings us immense joy and pride to present to you. This is filled with captivating literature, enriching articles, and thought-provoking insights.

In this fast paced world where we live in a digital environment, it is an initiative to create a literary delight to the people so as to take rest from the digitalized screens. It is a sanctuary of literary brilliance and no bounded knowledge. To our loyal readers, we express our heartfelt appreciation for your continued support and enthusiasm. Your love for literature fuels our passion and drives us to present you with the finest literary content issue after issue. We hope that Ilakkiya Sangamam continues to be a source of joy, enlightenment, and inspiration in your lives.

We would like to extend our invitation to all of you to engage with us. Your responses suggestions and feedback are ever welcomed. We hope you will enjoy this edition of us. Happy reading!

Regards

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Uniting Against a Global Challenge

WORLD CANCER DAY

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Introduction:

World Cancer Day, observed annually on February 4th, serves as a poignant reminder of the collective effort needed to combat one of the most prevalent and devastating diseases worldwide. This day aims to raise awareness, encourage prevention, promote early detection, and advocate for improved treatment and support for cancer patients and survivors.

Global Impact of Cancer:

Cancer knows no boundaries, affecting individuals of all ages, backgrounds, and socio-economic statuses. According to the World Health Organization (WHO), cancer is the second leading cause of death globally, responsible for an estimated 9.6 million deaths in 2018 alone. The burden of cancer extends beyond mortality, profoundly impacting individuals, families, communities, and healthcare systems.

Progress and Challenges:

While significant progress has been made in cancer research, prevention, and treatment, formidable challenges persist. Disparities in access to healthcare services, limited resources in low- and middle-income countries, and rising cancer rates due to factors such as aging populations and lifestyle changes underscore the urgent need for sustained action.

Empowering Prevention and Early Detection:

Prevention and early detection are cornerstones in the fight against cancer. Adopting healthy lifestyle habits, such as maintaining a balanced diet, regular physical activity, avoiding tobacco, and limiting alcohol consumption, can significantly reduce the risk of developing certain types of cancer. Additionally, screening programs for common cancers, such as breast, cervical, and colorectal cancer, play a crucial role in

detecting malignancies at an early, more treatable stage.

Innovations in Treatment and Care:

Advancements in cancer treatment modalities, including targeted therapies, immunotherapy, and precision medicine, offer new hope for patients with various cancer types. Furthermore, supportive care interventions, such as palliative care and psychosocial support, enhance the quality of life for cancer patients and their families, addressing the physical, emotional, and social dimensions of the disease.

Collaboration and Advocacy:

Addressing the complex challenges posed by cancer demands a concerted effort involving governments, healthcare professionals, researchers, non-governmental organizations, and the private sector. Collaborative initiatives aimed at improving cancer prevention, diagnosis, treatment, and care, as well as advocating for policies that prioritize cancer control and support, are essential in achieving meaningful progress.

Addressing Global Disparities:

One of the critical challenges in the fight against cancer is the glaring disparities in access to healthcare and cancer services worldwide. Low- and middle-income countries bear a disproportionately high burden of cancer mortality due to limited resources, infrastructure, and healthcare workforce capacity. Efforts to bridge these gaps include initiatives to strengthen healthcare systems, increase funding for cancer prevention and treatment programs, and enhance international collaboration to transfer knowledge and resources to regions in need.

Rising Trends in Cancer Incidence:

Changing demographic and lifestyle factors contribute to the rising incidence of certain cancers

globally. Factors such as population growth, aging populations, urbanization, and adoption of unhealthy behaviors like smoking, poor diet, and sedentary lifestyles contribute to the increased prevalence of cancer. Understanding these trends and implementing targeted interventions to address risk factors are crucial in mitigating the impact of cancer on populations worldwide.

Emerging Challenges in Cancer Control:

As the landscape of cancer evolves, new challenges emerge that require innovative solutions. These include the emergence of drug resistance in cancer treatment, the impact of environmental factors and pollution on cancer risk, and the growing burden of cancer in low-resource settings. Addressing these challenges necessitates ongoing research, investment in technology and infrastructure, and a multi-sectoral approach involving government, academia, industry, and civil society.

Harnessing Technology and Data:

Advancements in technology, such as artificial intelligence, genomics, and telemedicine, hold promise in revolutionizing cancer prevention, diagnosis, and treatment. From personalized medicine approaches that tailor treatment to individual patients' genetic profiles to tele-health initiatives that expand access to cancer care in remote areas, leveraging technology can improve outcomes and reduce disparities in cancer care delivery.

Community Engagement and Education:

Empowering communities with knowledge about cancer prevention, early detection, and available resources is crucial in reducing the burden of cancer. Community-based education campaigns, screening programs, and outreach efforts that promote cancer awareness and empower individuals to take control of their health can lead to early diagnosis and improved outcomes for cancer patients.

Innovative Research and Breakthrough Discoveries:

Ongoing research efforts are pivotal in advancing our understanding of cancer biology, identifying novel therapeutic targets, and developing innovative treatment modalities. Breakthrough discoveries, such as immune checkpoint inhibitors, CAR-T cell therapy, and targeted molecular therapies, have revolutionized cancer treatment paradigms, offering new hope for patients with previously untreatable malignancies. Continued investment in basic and translational research is essential for driving progress in cancer prevention, diagnosis, and treatment.

Cancer Survivorship and Quality of Life:

As more individuals survive cancer due to advancements in early detection and treatment, there is

a growing focus on survivorship care and improving the quality of life for cancer survivors. Survivorship programs address the unique physical, emotional, and psychosocial needs of cancer survivors, offering support services, survivorship care plans, and rehabilitation programs to help individuals navigate life after cancer diagnosis and treatment.

Environmental and Occupational Exposures:

Exposure to environmental pollutants, carcinogens, and occupational hazards can significantly increase the risk of cancer development. Efforts to mitigate these risks include implementing regulations to reduce pollution, promoting workplace safety measures, and raising awareness about the link between environmental factors and cancer incidence. Advocacy for policies that prioritize environmental and occupational health is crucial in preventing cancer and protecting public health.

Pediatric Oncology and Childhood Cancer:

Childhood cancer remains a devastating diagnosis, yet significant progress has been made in improving survival rates and outcomes for pediatric cancer patients. Pediatric oncology research focuses on developing targeted therapies with fewer long-term side effects, advancing precision medicine approaches, and enhancing supportive care services for pediatric cancer patients and their families. Advocacy for increased funding, access to specialized care, and psychosocial support for children with cancer is essential in ensuring optimal outcomes and quality of life.

Psycho-Social Support and Holistic Care:

Cancer diagnosis and treatment take a toll not only on the body but also on the mind and spirit. Comprehensive cancer care encompasses psycho-social support services, complementary and integrative therapies, and holistic approaches to address the emotional, spiritual, and social needs of cancer patients and their caregivers. Initiatives that promote patient-centered care, compassionate communication, and shared decision-making empower individuals to actively participate in their cancer journey and enhance overall well-being.

Conclusion:

World Cancer Day serves as a catalyst for action, inspiring individuals, organizations, and governments to redouble their efforts in the fight against cancer. By addressing global disparities, understanding emerging trends, harnessing technology and data, and engaging communities, we can make significant strides towards reducing the burden of cancer and improving outcomes for patients worldwide. Together, let us continue to work towards a future where no one has to face the devastating impact of cancer alone.

Minds Unbound: The Dyslexic's Journey

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*In a world of words, where letters dance and swirl
Dyslexic students face a different world, unfurled
Their minds, like tangled threads, struggle to decode
The letters and sounds that others easily unfold
But in their hearts, a fiery spark remains
A resilience that transcends their struggles and pains
They battle through the pages, one by one
With strength they find, their journey's just begun
For dyslexic minds,
words may twist and turn
But their determination within will always burn
Bright stars in a constellation, unique and strong
They navigate a path that may seem long
But their brilliance shines, a melody in the song
Dyslexic students, warriors of the written word
With hearts so brave and spirits unheard
They carry a burden, invisible to the eye
But in their struggles, they learn to fly
They see the world through a different lens
And though they stumble, they will ascend
To heights unimagined, breaking through the trend
Of what society dictates, they transcend
An ode to their resilience, their spirit, and their fight
In a world where words hold power and sway
Dyslexic students find their way*

Exploring the Wonders of February: A Month of Contrasts and Surprises Delving into the Heart of February

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February, the shortest month of the year, holds a unique place in the Gregorian calendar. As winter begins to recede and the promise of spring looms on the horizon, February is a month filled with various celebrations, observances, and historical significance. From Valentine's Day to Lunar New Year, this month captivates our attention with its rich cultural traditions, notable events, and even its association with love and romance. In this article, we will delve into the origins of February, explore its historical roots, examine the festivities and milestones that occur within its 28 days (or 29 in leap years), and discover the diverse cultural customs that make this month truly remarkable. So, let us embark on a captivating journey through the fascinating world of February.

THE POSITION OF FEBRUARY IN THE GREGORIAN CALENDAR

February, the second month of the year, holds a unique place in the Gregorian calendar. With its 28 days (or 29 in leap years), it may be the shortest month, but it's certainly not lacking in significance. While some may view it as the last stretch of winter, February also brings a glimmer of hope with the promise of spring just around the corner.

ETYMOLOGY AND MEANING BEHIND THE NAME "FEBRUARY"

Ever wondered where the name "February" comes from? Well, prepare to be underwhelmed because the etymology is quite straightforward. The name of this month derives from the Latin word "februarius," which refers to the month of purification. It's believed to be connected to the Roman festival of purification, called Februa, which was held annually in February. So, in a way,

February serves as a month to cleanse ourselves from the winter woes and prepare for the renewal of spring.

ROMAN ROOTS: THE MONTH OF FEBRUARIUS

February's historical origins can be traced back to ancient Rome. In the early Roman calendar, the year began in March, and February was initially considered the last month of the year. The Romans associated February with purification rituals and celebrated the Februa festival as a means to purify the city and its inhabitants. These rituals involved sacrifices, offerings, and even cleansing ceremonies.

INCORPORATION INTO THE JULIAN AND GREGORIAN CALENDARS

As time went on, the Roman calendar underwent several reforms. In 713 BCE, February was moved to its current position as the second month of the year in the Roman calendar. Eventually, with the introduction of the Julian calendar by Julius Caesar in 45 BCE and its later refinement into the Gregorian calendar in 1582, February's place remained unchanged. The length of the month, however, was adjusted to accommodate leap years.

LUNAR NEW YEAR FESTIVITIES AROUND THE WORLD

February is also a month of vibrant cultural celebrations, especially with Lunar New Year falling within its timeframe. Celebrated by various Asian communities, including Chinese, Korean, and Vietnamese, Lunar New Year is a time for family reunions, feasting, and honoring ancestors. Festivals featuring dragon and lion dances, colorful lanterns, and traditional performances take place worldwide, spreading joy and

good fortune.

GROUNDHOG DAY AND ITS TRADITIONS

On a lighter note, February 2nd brings us a whimsical tradition known as Groundhog Day. According to folklore, if a groundhog emerges from its burrow and sees its shadow, it predicts six more weeks of winter. However, if it doesn't see its shadow, then spring is believed to arrive early. While the accuracy of this weather prediction method is questionable, it certainly brings some lighthearted fun to the often gloomy winter days.

HISTORICAL EVENTS THAT OCCURRED IN FEBRUARY

Throughout history, February has witnessed significant events that have shaped the world. From the signing of important treaties to the birth and death of influential figures, this month has seen its fair share of historical milestones. From the establishment of the United States in 1787 to the abolition of apartheid in South Africa in 1990, February has marked pivotal moments in diverse fields.

ICONIC MOMENTS IN SPORTS, ENTERTAINMENT, AND POP CULTURE

February is not just about history; it's also a month filled with memorable moments in sports, entertainment, and pop culture. From the exhilarating Super Bowl in American football to the glitz and glamour of the Academy Awards, February offers something for every enthusiast. Iconic music releases, blockbuster movie premieres, and captivating performances have all made their mark in this month, leaving lasting impressions on our collective memory.

WINTER CONDITIONS IN THE NORTHERN HEMISPHERE

February, oh February. The month that makes winter feel like it's been going on for a decade. In the Northern Hemisphere, February is smack dab in the middle of winter, and boy, does it let you know. Weather patterns in February often include freezing temperatures, snowstorms, and a general feeling of "when will this be over?". So grab your warmest coat and hunker down, because February is not messing around.

SUMMER EXPERIENCES IN THE SOUTHERN HEMISPHERE

While the Northern Hemisphere battles freezing temperatures, the Southern Hemisphere is basking in the glory of summer during February. Picture sandy beaches, barbecues in the backyard, and sizzling temperatures. It's a time for swimsuits, cold drinks, and soaking up the sun. So if you're in the Southern Hemisphere, count your lucky stars because while everyone else is shivering, you're enjoying summer vibes in full swing.

SUPERSTITIONS AND BELIEFS RELATED TO FEBRUARY

Ah, February, the month of superstitions and beliefs. Some folks believe that if you spot a groundhog on February 2nd, you can predict the weather for the rest of the winter. Others think that if you don't say "rabbit, rabbit" as soon as you wake up on the first day of the month, you'll have bad luck for the rest of it. So if you find yourself doing strange rituals and avoiding black cats in February, don't worry, you're not alone.

FOLKLORE AND MYTHICAL CREATURES ASSOCIATED WITH THIS MONTH

February is full of folklore and mythical creatures that will make you question reality. From the mischievous and elusive leprechauns celebrating St. Patrick's Day to the mysterious yeti hiding in the snowy mountains, this month is a treasure trove of fantastical tales. So get ready to indulge your imagination and explore the world of folklore that comes alive in February.

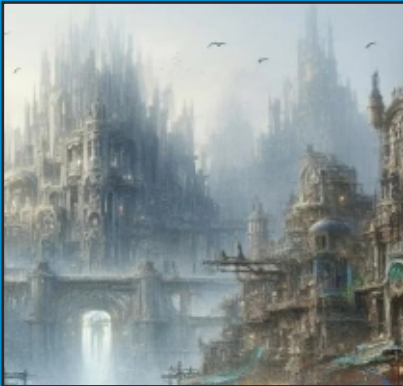
CONCLUSION

In conclusion, the month of February offers a delightful blend of history, culture, and celebrations. From its ancient Roman origins to its modern-day significance, February proves that even the shortest of months can hold incredible depth and meaning. Whether you are embracing the spirit of love on Valentine's Day, partaking in Lunar New Year festivities, or simply cherishing the unique traditions associated with this month, February invites us to appreciate the beauty of its significance. As we bid farewell to this extraordinary month, let us carry the lessons and memories of February with us, eagerly awaiting its return next year.



STORY TELLING THROUGH POEM

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In the picturesque town of Eldoria, nestled between rolling hills and a serene river, lived a woman named Aein. Known for her **CLEVER** Inventions and eccentricity, Aein's workshop was a haven for innovation. One day, while rummaging through a dusty attic in an old mansion, she stumbled upon a **GLAMOUROUS** antique watch with intricate engravings.

Little did Aein know that this watch held a terrible secret—a power to transport its wearer through time. Intrigued by the possibilities, Aein, with her **CLEVER** mind, began experimenting with the device. As the watch's hands turned, she found herself transported to different eras, from the roaring '20s to the medieval ages.

The allure of these time-traveling adventures was undeniable, and Aein couldn't resist sharing her discovery with a select few in Eldoria. Soon, the once peaceful town transformed into a **FABULOUS** hub of excitement and curiosity.



However, as time went on, Aein began to uncover the **TERRIBLE** consequences of altering the past. Simple changes had cascading effects, and the town's harmony started to unravel. The **GLAMOROUS** façade of time travel gave way to a darker reality.

Amidst the chaos, Aein burdened by the weight of responsibility, faced a dilemma: continue indulging in the allure of the past or safeguard the future by locking away the powerful watch. The once **WONDERFUL** community now stood at the crossroads of its own history, and Aein had to use her **CLEVERNESS** to find a solution that would restore Eldoria to its former glory.

As the town grappled with the consequences of meddling with time, Aein's journey became a saga of self-discovery, testing the limits of her clevermind and the strength of her character. The once **GLAMOROUS** adventures turned into a tale of redemption, with Eldoria finding a new, genuine charm that surpassed the allure of any fabricated past.

National Science Day : Commemorating Sir C.V.RAMAN



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National Science Day is celebrated in India on February 28 each year to mark the discovery of the Raman effect by Indian physicist Sir C. V. Raman on 28 February 1928.

The Raman Effect, a phenomenon involving the scattering of light by molecules, not only revolutionized the field of physics but also laid the foundation for various scientific advancements and applications. It showcased India's prowess in scientific research and inspired generations of scientists to explore the mysteries of the universe.

The National Council for Science and Technology Communication (NCSTC) asked the Government of India to designate February 28 as National Science Day. The event is now celebrated all over India in schools, colleges, universities and other academic, scientific, technical, medical and research institutions. On the occasion of the first NSD (National Science Day)(26 February 2020) NCSTC announced the institution of the National Science Popularization awards for recognizing outstanding efforts in the area of science and communication.

National Science Day serves as a platform to promote scientific temper, foster curiosity, and ignite the passion for inquiry among individuals of all ages. It encourages the spirit of scientific inquiry and innovation, driving progress and development across diverse fields.

Each year, National Science Day is celebrated with a specific theme that reflects the contemporary scientific challenges and aspirations. Themes often revolve around pressing issues such as climate change, sustainable development, health, and technology, guiding scientific endeavors towards addressing global concerns and improving the quality of life.

National Science Day is celebrated to spread a message about the importance of science used in the daily life of the people. To display all the activities, efforts and achievements in the field of science for human welfare. It is celebrated to discuss all the issues and implement new technologies for the development in the field of science. To give an opportunity to the scientific minded citizens in India. To encourage the people as well as popularize science and technology.

Furthermore, National Science Day is not just a day of reflection but also a day of action. It encompasses a myriad of activities including seminars, workshops, exhibitions, science fairs, and competitions held across educational institutions, research organizations, and public spaces. These events aim to engage the public, especially the youth, in the wonders of science, encouraging them to explore, question, and innovate.

In addition to promoting scientific awareness, National Science Day also recognizes the invaluable

contributions of scientists, researchers, and innovators who have dedicated their lives to advancing knowledge and understanding. It acknowledges their tireless efforts in unraveling the mysteries of nature and harnessing science for the betterment of humanity.

Moreover, National Science Day underscores the importance of investing in scientific education, research infrastructure, and collaborative initiatives to nurture a vibrant scientific ecosystem. It emphasizes the need for interdisciplinary approaches and international cooperation to tackle complex challenges and unlock the full potential of science and technology.

As we celebrate National Science Day, let us

field of science

- To provide opportunity for those citizens of India interested in science
- To foster and encourage interest in science and technology.

Awards given on National Science Day

Along with the National Science Popularization awards, national awards in other categories are also given on the National Science Day. Some of the them are as follows:

- National S&T Communication Awards



reaffirm our commitment to fostering a culture of scientific excellence, innovation, and inclusivity. Let us embrace the spirit of inquiry, curiosity, and discovery, and collectively embark on a journey towards a brighter, more sustainable future powered by the wonders of science.

Significance of National Science Day

The NSD is celebrated with a view to spread the message about the significance of science and how it improves the daily lives of the common folk. In addition, its celebration also has the following objectives in mind.

- Display all activities, efforts and achievements in the

- Augmenting Writing Skills for Articulating Research (AWSAR) awards,
- SERB Women Excellence Awards
- Rajendra Prabhu Memorial Appreciation Shield

In commemorating the legacy of Sir C.V. Raman and honoring the pursuit of knowledge, National Science Day reminds us that the journey of science is a journey of endless possibilities, where every discovery, no matter how small, brings us closer to understanding the universe and transforming the world.

WORLD POPULATION DAY



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Introduction:

World Population Day is an effort to control population related issues by spreading awareness about the same and seeking help from the masses. It is being celebrated on the 11th of July each year since 1989. As more and more people get to know about the serious problems arising due to population growth, they are inspired to extend help in that direction.

Highly Populated Countries:

Some of the most highly populated countries in this world include China, India, Indonesia, United States and Brazil. World Population Day especially aims to cater to the general public of such countries to highlight the various problems being faced due to the rapid growth in population. Being the major contributors of the global population, the people of these countries must be sensitized on the need to control population and World Population Day is indeed a great initiative in this direction.

Besides, these countries have also set certain policies to control their population. For instance, China has set the one child per family policy wherein the couples planning a second baby are penalized. In India, there is a policy to encourage couples to delay family planning for at least two years post marriage.

World Population Day Highlighting Benefits of Population Control:

World Population Day is seen as an opportunity to highlight the benefits of population control. This works as an inspiration for people to help in population control:

1)Ample of Natural Resources

Our natural resources are being consumed at a rapid speed due to the increasing population. This is leading to the scarcity of natural resources which are essential for the survival of the human beings as well as various other species on Earth. Population control will help in curbing this problem.

2)Better Employment Opportunity

In today's times, countries with high population are facing the problem of unemployment because the jobs are less and the number of qualified people seeking the

same is way more. Population control will curb this problem as the demand and supply ratio will come at par.

3)Better Environment

The rising population is leading to a number of problems such as deforestation, increased pollution and global warming. Population control will help in bringing down these problems and this will help in creating a cleaner and greener environment.

All these points are put across by way of various activities organized on the World Population Day.

The Problem of Under Population:

There are certain countries in the world that are under populated. Monaco, Vatican City, Falkland Island and Greenland are examples of such countries. These countries have their own set of problems. In countries such as these World Population Day activities help in spreading awareness about the problems of being scarcely populated.

Themes Chosen for World Population Day:

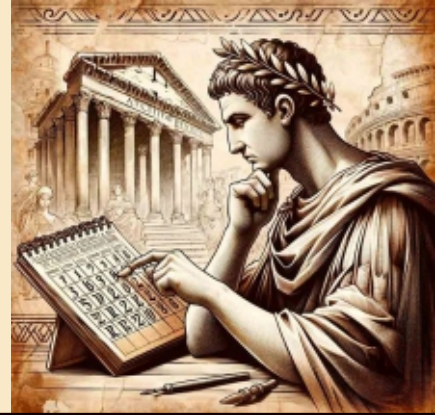
Different themes are chosen for the World Population Day each year and various events focusing on those particular themes are organized on this day. Themes such as Family Planning, Focus on Adolescent Pregnancy, Investing in Teenage Girls, Universal Access to Reproductive Health Services, Poverty, Population and Development, Saving Women's Lives and Population, Environment and Development have been chosen for World Population Day in the past.

These are all sensitive issues and need to be put across tactfully. Many schools, hospitals, NGOs and other organizations volunteer to organize events on this day. They come up with innovative ideas to talk about these themes and sensitize people about the same.

Conclusion:

While over pollution is a serious concern, countries with under population have their own struggle to fight. World Population Day is a day to highlight these struggles and challenges. It is a way to encourage people to contribute their bit towards controlling these problems.

Feb's Historical Highlights



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1) When the World Cancer Day and national Day of Srilanka has observed ?

- A.16 th February
- B.6 th February
- C.4 th February
- D.9 th February

2) When the World Day of Social Justice has observed ?

- A.18 th February
- B. 20 th February
- C.16 th February
- D.14 th February

3) Which of the following are international days celebrated in February 2022?

- A.Rheumatoid Arthritis Awareness Day
- B. Safer Internet Day
- C. Darwin Day
- D. All the above

4) On which day, International Mother Language Day is celebrated?

- A.15 February
- B.18 February.
- C. 21 February
- D. 25 February

5) When the World Radio Day and National womens day or Sarojini Naydu's Birthday has observed ?

- A.5 th February
- B.13 th February
- C. 25 th February
- D.24 th February

6) When the Indian Coast Guard Day has observed ?

- A.9 th February

B.20 th February

C.1 stFebruary

D.19 th February

7) From 6 February to 12 February, which day is celebrated at an international level?

- A.International Development Week
- B. Global Family Day
- C. International Day of Zero Tolerance to Female Genital Mutilation
- D. World Day of Social Justice

8) Chhatrapati Shivaji's birthday is celebrated on which date in February?

- A.15 February
- B. 17 February
- C. 18 February
- D.19 February

9) Central Excise Day is observed on:

- A.22 February
- B.23 February
- C. 24 February
- D. 25 February

10) When the World Wetland Day has observed ?

- A.2 nd February
- B.9 th February
- C. 12 nd February
- D. 14 th February

11) When the International Day of Zero Tolerance to Female Genital Mutilation has observed ?

- A.14 th February
- B.2 nd February
- C. 6 th February
- D. 25 th February

12) When the National Science Day has observed ?

- A. 27 th February
- B. 26 th February
- C. 28 th February
- D. 25 th February

13) When the World Marriage Day has observed ?

- A. 2 nd Saturday of February
- B. 2 nd Monday of February
- C. 2 nd Sunday of February
- D. 2 nd Tuesday of February

14) When the Parents' Worship Day (Introduced by Chhattisgarh Government) has observed ?

- A. 9 th February
- B. 7 th February
- C. 11 th February
- D. 14 th February

15) When the World Scout Day and World Thinking day has observed ?

- A. 15 th February
- B. 12 th February
- C. 9 th February
- D. 22 nd February

16) When World Peace and Understanding Day has observed ?

- A. 23 rd February
- B. 25 th February
- C. 24 th February
- D. 25 th February

17) When the World Day of the Sick has observed ?

- A. 2nd February
- B. 11 th February
- C. 23 rd February
- D. 9 th February

18) In India, Taj Mahotsav is celebrated on which day?

- A. 18 February
- B. 20 February
- C. 22 February
- D. None of the above

19) Abraham Lincoln's Birthday is celebrated on...

- A. 10 February
- B. 12 February

- C. 14 February
- D. 16 February

20) When the National Deworming Day has observed ?

- A. 10 th February
- B. 14 th February
- C. 24 th February
- D. 9 th February

21) World NGO Day is observed on...

- A. 20 February
- B. 24 February
- C. 27 February
- D. 29 February

ANSWER:

- 1) C. 4th February
- 2) B. 20th February
- 3) D. All The Above
- 4) C. 21st February
- 5) B. 13th February
- 6) C. 1st February
- 7) A. International Development Week
- 8) D. 19th February
- 9) C. 24th February
- 10) A. 2nd February
- 11) C. 6th February
- 12) C. 28th February
- 13) C. 2nd Sunday of February
- 14) C. 11th February
- 15) D. 22nd February
- 16) A. 23rd February
- 17) B. 11 th February
- 18) A. 18 February
- 19) B. 12 February
- 20) A. 10 th February
- 21) C. 27 February

February: A Month of Celebrations and Remembrances

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February is a unique month filled with a variety of special events that capture the essence of love, history, and cultural significance. Let's explore some of the key celebrations and observances that make this month truly exceptional.

Valentine's Day: Celebrating Love

Undoubtedly the most widely recognized event in February is Valentine's Day. Celebrated on February 14th, it's a day dedicated to expressing love and affection. People exchange cards, flowers, and gifts with their loved ones, creating a romantic atmosphere worldwide.

Importance: Provides an opportunity to express love and appreciation for significant others, fostering emotional connections and strengthening relationships.

Black History Month: Honoring Achievements

February is also designated as Black History Month in the United States, a time to celebrate the achievements and contributions of African Americans throughout history. It provides an opportunity to reflect on the impact of individuals who played pivotal roles in shaping culture, politics, and society.

Importance: Raises awareness about the contributions of African Americans, promotes inclusivity, and encourages a deeper understanding of diverse cultures and histories.

Groundhog Day: Weather Predictions

On February 2nd, the quirky tradition of Groundhog Day takes place. According to folklore, if a groundhog sees its shadow on this day, there will be six more weeks of winter. It's a lighthearted event that attracts attention from both locals and tourists.

Importance: Blends folklore with meteorological curiosity, adding a touch of whimsy to winter as people eagerly anticipate whether the groundhog will see its shadow.

Chinese New Year: Welcoming the Lunar New Year

The date of the Chinese New Year varies each year but usually falls in late January or early February. It marks the beginning of the lunar new year, with vibrant celebrations, dragon and lion dances, and traditional feasts. Each year is associated with an animal from the Chinese zodiac.

Importance: Celebrates the start of the lunar new year, promoting cultural heritage through traditional practices, colorful festivities, and the spirit of renewal and good fortune.

Presidents' Day: Honoring U.S. Presidents

Celebrated on the third Monday of February, Presidents' Day honors the birthdays of George Washington and Abraham Lincoln. It's a federal holiday, and many people take advantage of the long weekend to reflect on the contributions of these iconic leaders.

Importance: Honors the legacies of George Washington and Abraham Lincoln, encouraging reflection on the role of leadership and pivotal moments in U.S. history.

Super Bowl Sunday: A Sports Spectacle

One of the most anticipated events in American sports, the Super Bowl, typically takes place on the first Sunday of February. It is not just a championship football game; it's a cultural phenomenon with extravagant halftime shows and memorable commercials, bringing people together for a day of entertainment.

Importance: Unites people in a celebration of athleticism and competition, transcending sports as it becomes a major cultural event with entertainment spectacles and shared experiences.

World Cancer Day: Raising Awareness

February 4th is observed as World Cancer Day, a global initiative to raise awareness about cancer prevention, detection, and treatment. Organizations and individuals worldwide unite to emphasize the importance of early detection and advocate for improved cancer care.

Importance: Raises awareness about cancer prevention, early detection, and treatment, fostering a global commitment to addressing the impact of cancer on individuals and communities.

International Darwin Day: Celebrating Science

On February 12th, International Darwin Day honors the birthday of Charles Darwin, the naturalist who developed the theory of evolution by natural selection. This day celebrates scientific exploration and encourages discussions about the impact of evolutionary theory on our understanding of life.

Importance: Commemorates Charles Darwin's contributions to evolutionary theory, emphasizing the importance of scientific inquiry, education, and understanding our place in the natural world.

Mardi Gras: A Festive Carnival

Mardi Gras, also known as Fat Tuesday, marks the culmination of the Carnival season. Celebrated with colorful parades, vibrant costumes, and lively festivities, Mardi Gras is particularly famous in New Orleans, where the streets come alive with music, dance, and revelry.



Importance: Celebrates cultural diversity through vibrant parades, music, and costumes, providing a joyful occasion for communities to come together in a spirit of revelry.

World Radio Day: Recognizing the Power of Radio

February 13th is designated as World Radio Day, acknowledging the role of radio in promoting dialogue,

understanding, and cultural diversity. This day celebrates the enduring power of radio as a medium that reaches diverse audiences and fosters communication.



Importance: Recognizes the enduring power of radio as a medium for communication, fostering dialogue, cultural exchange, and information dissemination.

Random Acts of Kindness Day: Spreading Positivity

Observed on February 17th, Random Acts of Kindness Day encourages people to perform simple acts of kindness to brighten someone's day. Whether it's a small gesture or a thoughtful deed, the aim is to create a positive ripple effect in communities.

Importance: Encourages individuals to engage in small acts of kindness, promoting a culture of compassion, empathy, and positive social interactions.

National Engineers Week: Celebrating Innovation

Typically taking place in late February, National Engineers Week highlights the contributions of engineers to society. It promotes awareness of the field of engineering and encourages young minds to explore careers in science, technology, engineering, and mathematics (STEM).

Importance: Celebrates the contributions of engineers to technological advancements, while also inspiring interest in STEM fields among students, fostering innovation and problem-solving.

These additional events showcase the diverse nature of February, embracing sports, science, health awareness, and cultural celebrations. The month offers a rich tapestry of occasions that cater to a wide range of interests and causes.

Each of these events contributes to the cultural, social, and educational fabric of society, providing occasions for reflection, celebration, and engagement with various aspects of our shared human experience.

A February Rhyme

Winter's breath upon the land,
A crisp embrace, so pure and grand.
Snow-kissed peaks, a tranquil sight,
Blanket of white, a world so bright.

Chilled air whispers through the trees,
Nature at rest, in gentle freeze.
Crackling fires, warmth inside,
Cosy moments, hearts abide.

Frosty patterns on window panes,
Nature's art in icy veins.
Muffled steps on snowy ground,
Winter's symphony, a hush profound.

Scarves wrapped tight, faces aglow,
Footprints marked where shadows throw.
Solitude in snowy scenes,
A wondrous world, in quiet dreams.

Nature's pause in cold embrace,
Winter's charm, a fleeting grace.
Yet beneath the chill, life stirs,
Hope whispers in the winds it confers.

In February's cool embrace,
Nature's beauty finds its space.
A season's tale, in frosty rhyme,
A melody written in winter's time.

Celebrating Science

In February's embrace, Science takes the stage,
A symphony of knowledge, a boundless page.
From microcosms to galaxies afar,
Science illuminates, like a guiding star.

In labs, discoveries spark like a flame,
Unraveling mysteries, never the same.
Einstein's equations, Curie's glow,
Science whispers secrets, ever aglow.

Atoms dance in intricate ballet,
In the pursuit of truth, night and day.
Medical miracles, cures profound,
Science's heartbeat, a rhythmic sound.

Through innovation's lens, we peer,
Into the future, crystal clear.
Climate challenges, solutions arrayed,
In the laboratory, dreams are made.

So, on this day, let's celebrate,
The wonder of Science, never abate.
In February's grace, let knowledge sway,
For Science guides us, every day.

The Green Oasis: Significance and Benefits of Indoor Plants



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Introduction:

In the hustle and bustle of modern life, the importance of creating a harmonious environment within our living spaces cannot be overstated. One way to achieve this is by incorporating indoor plants into our homes and workplaces. Beyond their aesthetic appeal, indoor plants play a crucial role in horticulture, offering a myriad of benefits that extend far beyond the confines of a potted plant.

Significance of Indoor Plants:

Indoor plants hold a significant place in horticulture as they contribute to the overall well-being of individuals and the environment. The presence of greenery indoors has been linked to improved air quality, reduced stress levels, and enhanced productivity. These plants act as natural air purifiers, filtering out pollutants and releasing oxygen, creating a healthier and more pleasant living or working environment.

Benefits of Indoor Plants:

1. Air Purification:

Indoor plants, through a process known as photosynthesis, absorb carbon dioxide and release oxygen. Additionally, many indoor plants have the ability to remove harmful pollutants from the air, such as benzene, formaldehyde, and trichloroethylene. This not only improves air quality but also promotes respiratory health.

2. Stress Reduction:

The presence of indoor plants has been associated with stress reduction and improved mental well-being. The sight of greenery has a calming effect, reducing anxiety and promoting a sense of tranquility.

Incorporating nature into indoor spaces has become increasingly important in the context of our urban lifestyles.

3. Increased Productivity:

Studies have shown that the introduction of indoor plants in workspaces can enhance productivity. The visual appeal of plants can positively impact mood and concentration, leading to improved focus and efficiency. In the realm of horticulture, understanding these psychological benefits is crucial for creating environments that foster growth and productivity.

4. Biophilic Design:

Indoor plants are integral to the concept of biophilic design, which seeks to incorporate nature into architecture and interior spaces. This design philosophy recognizes the innate human connection to nature and aims to create environments that promote well-being. Indoor plants serve as living elements that bridge the gap between the built environment and the natural world.

Horticultural Perspective:

From a horticultural standpoint, growing indoor plants presents unique challenges and opportunities. Understanding the specific needs of plants in indoor environments, such as light, humidity, and temperature requirements, is essential for successful cultivation. Additionally, the choice of plant species plays a crucial role in determining the overall effectiveness of indoor plantings.

Affordable Indoor Plants to Transform Your Space:

1. Spider Plant (*Chlorophytum comosum*):

- Known for its arching green and white striped leaves, the spider plant is resilient and easy to care for. It's an excellent air purifier and adapts well to various light conditions, making it an affordable and popular choice for indoor spaces.

2. Snake Plant (*Sansevieria trifasciata*):

- With its upright sword-shaped leaves, the snake plant is not only visually appealing but also a powerful air purifier. It thrives in low light conditions and requires minimal maintenance, making it an ideal addition to any indoor setting.

3. Pothos (*Epipremnum aureum*):

- Pothos, also known as Devil's Ivy, is renowned for its cascading vines and heart-shaped leaves. It's a low-maintenance plant that can thrive in various lighting conditions. Pothos is not only affordable but also an effective air purifier.

4. Peace Lily (*Spathiphyllum*):

- The peace lily, with its elegant white blooms, adds a touch of grace to indoor spaces. It is known for its ability to filter out common indoor pollutants and can thrive in low light. The peace lily is a cost-effective choice for those seeking beauty with practical benefits.

5. ZZ Plant (*Zamioculcas zamiifolia*):

- The ZZ plant is characterized by its glossy, dark green leaves and is known for its tolerance to neglect. It can adapt to low light conditions and requires infrequent watering, making it a budget-friendly option for those new to indoor gardening.

6. Aloe Vera (*Aloe barbadensis miller*):

- Aloe vera is not only famous for its medicinal properties but also for its unique appearance with thick, fleshy leaves. It thrives in bright, indirect light and is known for its air-purifying qualities. Growing aloe vera indoors is not only affordable but also adds a touch of greenery with practical benefits.

7. Succulents (Various Species):

- Succulents, with their diverse shapes and colors, have gained immense popularity as indoor plants. They are affordable, require minimal water, and can thrive in small containers. From the resilient jade plant to the charming echeverias, succulents offer a budget-friendly way to introduce variety to your indoor garden.

8. Boston Fern (*Nephrolepis exaltata*):

- Known for its feathery, arching fronds, the Boston fern is a classic choice for indoor spaces. It adds a touch of elegance while helping to maintain humidity levels. Boston ferns are relatively inexpensive and can thrive in indirect light.

Incorporating these affordable indoor plants not

only enhances the visual appeal of your indoor spaces but also brings a host of benefits, from improved air quality to stress reduction. Whether you're a seasoned plant enthusiast or a beginner in the world of indoor gardening, these plants offer a cost-effective way to create a green oasis within your home or office.

Conclusion:

In conclusion, the significance of indoor plants in horticulture goes beyond mere decoration. These green companions contribute to a healthier, more sustainable, and aesthetically pleasing living and working environment. As we delve into the intricacies of horticulture, the cultivation of indoor plants emerges as a vital aspect, shaping the way we design and interact with our indoor spaces. Embracing the green revolution within our homes and workplaces is not just a trend; it's a holistic approach to improving our overall quality of life.





Ilakkiya Sangamam's

LITERARY MUSE

ILAKKIYA SANGAMAM'S LITERARY MUSE

About us:

Nurturing literature and fine arts:

Ilakkiya sangamam is a trust that has taken up the commendable task of developing and promoting the various literature fields and fine arts. This is a visionary trust that serves as a vibrant platform for the writers and artists. It recognises the emerging writers in the path of literature. Through this, it paves the way for shaping the public vision of arts and literature. The trust also encourages and honours the contributors.

Understanding the importance and accessibility, Ilakkiya sangamam promotes public participation in the world of fine arts and literature. This will grab the attention of young arbiters and they could get knowledge immensely. The trust also organises exhibitions, literary events, workshops and seminars and invites student's interest and enthusiasm in this. As Ilakkiya sangamam paves a way forward, it remains dedicated towards literature sector and fine arts. In order to achieve its objectives, Ilakkiya sangamam welcomes collaborations and partnerships with like-minded organisations which also seek the benefit of spreading the knowledge of literature and arts. Through all these, it creates a new artistic line from which everybody could be benefitted and get themselves stuck into the area of fine arts. The trust also ensures the take away for the young generation by promoting and honouring their contribution for this.

With deep sense of responsibility and a profound belief in the power of arts, the trust endeavours to make a lasting and a meaningful contribution to the society of fine arts and literature. To form a vibrant artistic community there must be an initiator. Ilakkiya sangamam acts as a powerful initiator for the emerging writers. Recognising that fine arts (music and dance) and literature, that are prominent in the history and tradition, the trust takes active measures to conserve the arts and manuscript through the writers. Ilakkiya sangamam is a visionary trust that passionately promotes and celebrates the heritage of our tradition in the form of creativity in fine arts and literature. This immensely takes our students to a better understanding of fine arts and literature.

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